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(54) **Amplification processes.**

(57) A method for the amplification of a target nucleotide sequence using a first primer comprising
1) a target binding nucleotide moiety which is substantially complementary to the desired portion of the target nucleotide sequence; and 2) a polynucleotide tail; the first primer being such that whilst an extension product thereof may itself serve as a template for primer extension to form an amplification primer extension product, formation of an amplification primer extension product comprising a sequence complementary to the polynucleotide tail is inhibited.

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EUROPEAN SEARCH REPORT

Application Number

EP 90 30 9502

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	GB-A-2 202 328 (ORION-YHTYMA OY) * Page 6, paragraphs 1,2 * - - - -	1,2,11,12	C 12 Q 1/68 // C 07 H 21/04
D,A	AGR. BIOL. CHEM., vol. 36, no. 9, 1972, pages 1651-1653; H. OHRUI et al: "Facile synthesis of C-glycosides of aromatic compounds" * Whole document * - - - -	5-7	
D,A	NUCLEIC ACIDS RESEARCH, vol. 12, no. 11, 1984, pages 4539-4557, IRL Press Ltd, Oxford, GB; N.D. SHINHA et al.: "Polymer support oligonucleotide synthesis XVIII 1,2): use of beta-cyanoethyl-N,N-dialkylamino-/N-morpholino phosphoramidite of deoxynucleosides for the synthesis of DNA fragments simplifying deprotection and isolation of the final product" * Whole document * - - - -	5-7	
D,A	NUCLEIC ACIDS RESEARCH, vol. 17, no. 7, 11th April 1989, pages 2503-2516, Eynsham, Oxford, GB; C.R. NEWTON et al.: "Analysis of any point mutation in DNA. The amplification refractory mutation system (ARMS)" * Whole document * - - - -	10,15	
D,A	EP-A-0 237 362 (CETUS CORP.) - - - -		TECHNICAL FIELDS SEARCHED (Int. Cl.5)
P,A	GB-A-2 221 909 (IMPERICAL CHEMICAL IND.) * Pages 22,49,50; claim 5 * - - - -	1,2,5,11, 12	C 12 Q
T	WO-A-9 011 372 (COLLABORATIVE RESEARCH) * Whole document * - - - - -	1,8,10,11, 15	
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		06 June 91	MOLINA GALAN E.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			